

## **ABSTRACT OF THE DISCLOSURE**

2 Disclosed is an apparatus for transmitting and receiving radio signals in a pico-BTS. The  
3 apparatus includes a plurality of antennas for transmitting and receiving the radio signals, installed  
4 in predetermined positions; and a plurality of repeaters connected to the associated antennas, for  
5 controlling levels of the transmission and reception signals to a predetermined level. Further, the  
6 apparatus includes a plurality of bi-directional amplifiers for compensating for a signal loss, installed  
7 in predetermined positions between the repeaters.